Work	Ord	er ID	58600



Page 1

May 12, 2010 10:28:19 AM

Required Date: 18/05/2010

Item ID: **Revision ID:** D3690-041

Accept



Setup Start

Stop

Item Name: **Start Date:**

12/05/2010 Start Qty: 3.00

Req'd Qty: 3.00

Cust Item ID: Customer:

Reference:

Approvals:

Glareshield Assembly

Date: 10-5-12 Tooling:

Date:

Start Run

QC:

Date: SPC (Y/N):

Date:

Plan

Reject

Reject Insp. Number

Sequence ID/ Work Center ID **Operation** Description

Revision Nbr

Pick Kit

Set Up/ **Run Hours** Draw Number

Draw Rev.

Accept Qty Code

Qty

Stop

Stamp

Draw Nbr

D3690

Rev B

0.00

Packaging Packaging

Memo

0.00 =7 m-h 10/07/05

110

100

Small Fab

0.00

Small Fab

Memo

0.00

Small Fab

1- transfer drill D3697-041 and D3698-1 in D3690-1 and assemble as per dwg

D3690□2- scribe bath # and part # as per dwg

120

QC

QC5- Inspect part completeness to step on W/O

Quality Control

Memo

Sea 150-

W/O:		WORK ORDER CHANGES												
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		olution:						Date:						
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	Section A	Chief Eng	Action Description Chief Eng					QC Inspector						
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itial all entries

Work Order ID 58600

May 12, 2010 10:28:19 AM



Page 2

Item ID:

D3690-041

Accept

Accept

Qty

Setup Start

Stop



Revision ID:

Item Name:

Glareshield Assembly

Start Date:

12/05/2010

Start Oty: 3.00

Required Date: 18/05/2010

Req'd Qty: 3.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: Date:

Date:_____

Tooling:

SPC (Y/N):

Draw

Number

Date:

Draw

Rev.

Plan

Code

Date:

Reject

Qty

Stop

Run

Start

Reject

Number

Insp.

Stamp

Sequence ID/ **Work Center ID**

130

SprayPaint **Spray Painting** Operation Description

SprayPaint

QC:

Set Up/ **Run Hours**

0.00

0.00

1- Mask hatched areas (6 pls) on inside of the part prior to painting as per dwg□2-Paint D3690-041 assy flat black using Basf Glasurit 22 Line code

SFA39.50 per Dart QSI 005 4.2

140

QC

Quality Control

QC14- Inspect Spray Paint

0.00

Memo

0.00

160

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

CL1018114

	-												
W/O:		WORK ORDER CHANGES											
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Picklist Print

May 12, 2010 10:28:23 AM

Page 2

Work Order ID: 58600

Parent Item:

D3690-041

Parent Item Name: Glareshield Assembly

Comments:

IPP Rev:A 08-04-29 new issue DD verified by:ec IPP Rev:B 08-07-14 revB as per dwg DD verified by:ec

IPP Rev:C 08-09-08 added painting DD verified by:EC IPP Rev:D 08-10-07 revC as per dwg DD verified by:EC

MS20426AD3-5

Purchased

No

Each

14,994.00

2

Start Qty: 3.00

Start Date: 12/05/2010

Rivet

Location Loc Qty ST316 14994 3156 4444 5678

4533

6160

Loc Code

6x m.l. 10/06/28

Required Date: 18/05/2010

Required Qty: 3.00

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Part No:PAR #:		WORK ORDER CHANGES									
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DATE	STEP	Description of NC			Section B			ation	Approval	Approval	
	Section A		Initial Action Descri		Sign & Date		n& Section C		Chief Eng	QC Inspector	
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PART LIST

QTY -041	PART NUMBER	DESCRIPTION
Х	D3690-041	GLARESHIELD ASSEMBLY
1	D3690-1	GLARESHIELD
1	D3697-041	TUBE ASSEMBLY
1	D3698-1	SUPPORT ANGLE
2	AN960JD3	WASHER (OR NAS1149DN332J)
2	MS20426AD3-5	RIVET
35	CR3213-4-03	RIVET

D3690-041 GLARESHIELD ASSEMBLY

SHOP COPY

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WITHOUT NOTICE

WORK ORDER

С	CR3213 WAS 6 (SHEET CHANG	HEET I PL MS20428AD3-5 RIVET WAS MS20428AD3-4, R3213-4-03 RIVET WAS MS2047AD3-4, WASHER DTY WAS 6 (VIEWS UPDATED ACCORDINGLY). RIVETS ON HEET I CHANGED TO REF OTY. RIVETS ON SHEET 2 HANGED TO THARD CALLOUTS. SHADING REMOVED ROM ALL VIEWS FOR CLARITY. ROM ALL VIEWS FOR CLARITY.								
В	ADD FIN	IISH COAT & N THICKNESS	1.0 TYP. SHEET 2 ZONES A,8 & C,5; SHEET 3 ZONE A,8	RF	08.06.24					
Α	NEW IS	SUE	RF	08.05.26						
REV.			DESCRIPTION	BY	DATE					
DESIG	N	RF	DART AEROSP	ACF I	TD.					
DRAW	N	RF	HAWKESBURY, ONTAR							
CHECK	ŒD	_A	DRAWING NO. REV. 0							
MFG. A	PPR.	E	D3690 SHEET 1							

MFG, APPR. D3690 SHEET 1 OF 3

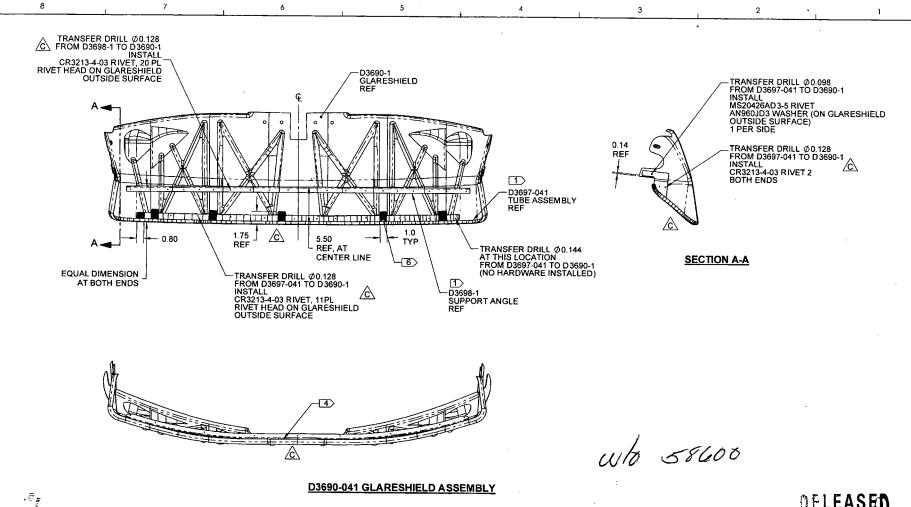
APPROVED TITLE SCALE
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GLARESHIELD ASSEMBLY NTS

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BS10-5-12

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DATE	STEP	STEP Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da	no&∣ _{Sec}	tion C	Approval Chief Eng	Approval QC Inspector				
		,			}								



NOTES:
1) CENTER D3697-041 AND D3698-1 ON TO D3690-1
2) FINISH: PAINT D3690-041 ASSY FLAT BLACK USING BASF GLASURIT 22 LINE CODE SFA39.50 PER DART QSI 005 4.2
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) IDENTIFICATION: ETCH WITH DART P/N D3690-041 & B/N ON INSIDE OF PART

6) MASK HATCHED AREAS (6 PLS) ON INSIDE OF THE PART PRIOR TO PAINTING

DESIGN	IRF	DART AEROSPACE LTD				
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA				
CHECKED	1	DRAWING NO. REV. C				
MFG. APPR.	Ga	D3690 SHEET 2 OF				
APPROVED	W.	TITLE SCALE				
DE APPR.	-41	GLARESHIELD ASSEMBLY NTS				
DATE 08.0	9.02	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS COCUMENT IS PROMITE AND COMPOSITION, AND IS SUPPLIED ON THE EMPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT				

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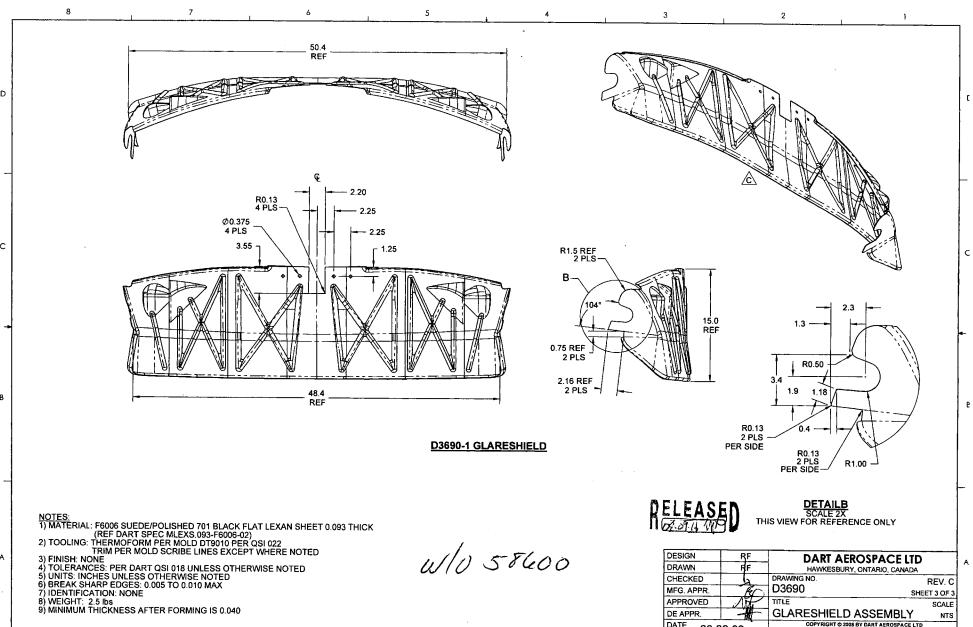
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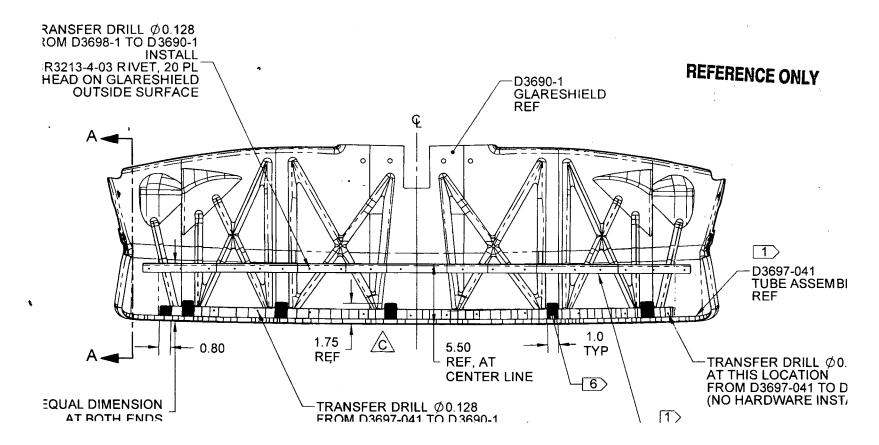


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Jason Murdoch

From:

David Shepherd [dshepherd@dartaero.com]

Sent:

Thursday, August 05, 2010 12:47 PM

To:

'Jason Murdoch'

Subject:

RE: D3690-041 glare sheilds B58600

Jason,

Matt assured me that the proper painting process was followed. As such, I think we have to accept some variability in the final results. I looked at the glareshields, and they are acceptable to me.

David

From: Jason Murdoch [mailto:jmurdoch@dartaero.com]

Sent: Thursday, August 05, 2010 9:15 AM

To: 'David Shepherd'

Subject: D3690-041 glare sheilds B58600

Importance: High

Hi David,

Last week Matt Murdoch showed you some glare shields that appeared to be slightly glossier than normal. However still flat / mat black.

Apparently the finish was acceptable to you. So I am just looking for confirmation that we can send them to packaging as is.

Thanks.

Jason Murdoch
Quality Coordinator
imurdoch@dartaero.com
DART Aerospace Ltd.
613-632-5200

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Version: 8.5.441 / Virus Database: 271.1.1/3050 - Release Date: 08/04/10 04:45:00